

CLAIMS:

1. A lens driving device for an optical read and/or write system, comprising a mechanical structure having an objective lens , and an actuator for controlling the lens position by acting on the mechanical structure, characterized in that the lens driving device comprises a further actuator on or near the mechanical structure for acting on the mechanical structure so as to generate at a frequency range a motion of or in the mechanical structure, to at least partially compensate motion generated by the first-mentioned actuator.
2. A lens driving device as claimed in claim 1, characterized in that the further actuator is designed in such a way that it predominantly excites the resonance frequency that is to be cancelled.
3. A lens driving device as claimed in claim 1 or 2, characterized in that the actuator comprises a piezo-electric element.
4. A lens driving device as claimed in claim 1, characterized in that the further actuator comprises a piezo-electric element.
5. An optical read and/or write system comprising a lens driving device comprising a mechanical structure having an objective lens, and an actuator for controlling the lens position by acting on the mechanical structure, the system further comprising a controller means for generating a control signal for the actuator , the actuator acting in response to the control signal, characterized in that the lens driving device comprises a further actuator on or near the mechanical structure for acting on the mechanical structure so as to generate at a frequency range a motion of or in the mechanical structure, to at least partially compensate motion generated by the first-mentioned actuator, the controller means comprising means for generating a compensation signal for said further actuator.

6. An optical read and/or write system as claimed in claim 5, characterized in that the further actuator is designed in such a way that it predominantly excites the resonance frequency that is to be cancelled.

5 7. An optical read and/or write system as claimed in claimed 5 or 6, characterized in that the actuator comprises a piezo-electric element.

8. An optical read and/or write system as claimed in claimed 5, characterized in that that the further actuator comprises a piezo-electric element.